

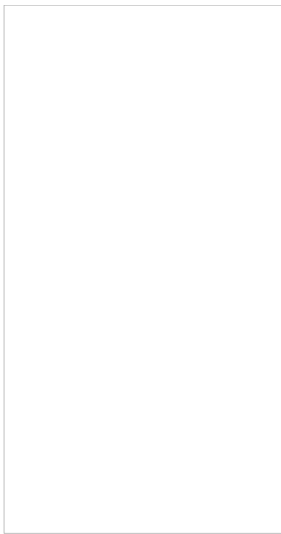
XENERGY SAFETY CI  
031436

  
Overview

  
Specifications

  
Resources

How to



031436

Eaton xEnergy Safety Ci LV systems LV switchgear  
+knockouts, HxWxD=375x375x150mm

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**GENERAL SPECIFICATIONS**

General specifications >

**PRODUCT NAME** Eaton xEnergy Safety Ci empty enclosure insulated

**CATALOG NUMBER** 031436

Product specifications >

**MODEL CODE** CI44E-125

**EAN** 4015080314363

**PRODUCT LENGTH/DEPTH** 150 mm

**PRODUCT HEIGHT** 375 mm

**PRODUCT WIDTH** 375 mm

**PRODUCT WEIGHT** 2.714 kg

**COMPLIANCES** RoHS conform

**CERTIFICATIONS** EN 61439-2  
EN 62208

## PRODUCT SPECIFICATIONS

<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility.
<b>CIRCUIT INTEGRITY</b>	Other
<b>TEMPERATURE RESISTANCE</b>	Temperature resistant: 80 °C (gasket) Temperature resistant: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure)
<b>PLATE THICKNESS (COVER/DOOR)</b>	6 mm
<b>RAL-NUMBER</b>	7035
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Is the panel builder's responsibility.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility.
<b>PLATE THICKNESS (CABINET)</b>	6 mm
<b>MOUNTING METHOD</b>	Surface mounted (plaster)
<b>10.2.5 LIFTING</b>	20 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>NUMBER OF OPENINGS (FLANGE PLATES)</b>	4
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>CHEMICAL RESISTANCE</b>	Resistant against: acids < 10 %, mineral oil, alcohol salt solutions Not resistant to: alkalis, benzene Partly resistant to: Acids > 10 %
<b>COVER/DOOR MODEL</b>	Closed
<b>INTERNAL DEPTH</b>	125 mm
<b>MOUNTING DEPTH WITH MOUNTING PLATE</b>	125 mm
<b>SPECIAL FEATURES</b>	With metric knockouts in all sides of the enclosure for wall mounting Sealable cover fasteners Full-area sides can be converted to a distribution board enclosure pressure-relief mechanism for short-circuits
<b>COLOR</b>	Transparent, smoky gray (cover) Light gray (RAL 7035, base) Gray
<b>UNIT TYPE</b>	Single unit
<b>BUILT-IN DEPTH</b>	125 mm
<b>FEATURES</b>	UV resistance beneath protective shield Cover with overpressure release
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	8 kV
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Is the panel builder's responsibility.

<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.
<b>COVER/DOOR COLOR</b>	Transparent
<b>USED WITH</b>	Eaton Switching and protection devices
<b>SURFACE PROTECTION</b>	Other
<b>COVER/DOOR TYPE</b>	Optional None
<b>10.13 MECHANICAL FUNCTION</b>	Meets the product standard's requirements.
<b>10.2.6 MECHANICAL IMPACT</b>	IK10
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP65
<b>NOMINAL CURRENT</b>	1600 A
<b>FLAMMABILITY CHARACTERISTICS (UL)</b>	V2 (cover) (UL94) V1 (base) (UL94)
<b>SUITABLE FOR</b>	Lightning protection Outdoor use
<b>SURFACE FINISHING</b>	Resistant to corrosion
<b>NUMBER OF ROWS</b>	0
<b>PROTECTION CLASS</b>	II
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	15
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	45 W
<b>NUMBER OF CONDUIT INLETS</b>	100
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Lower part: 960 °C / cover: 850 °C
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	U <sub>i</sub> = 1000 V AC
<b>DEGREE OF PROTECTION</b>	IK10 Other IP65
<b>HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	23 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	21 W
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	47 W
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND</b>	Is the panel builder's responsibility.

<b>CONNECTIONS</b>	
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	42 W
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
<b>MATERIAL</b>	Halogen free Glass-fibre reinforced polycarbonate (base) Non-reinforced polycarbonate (cover)
<b>FUNCTIONS</b>	Extension possible
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-40 °C - 80 °C
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	22 W
<b>SALINE SPRAY RESISTANCE</b>	IEC 60068-2-11
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Basic enclosure Individual enclosures xEnergy Safe
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Not relevant to indoor installations.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>SURFACE TREATMENT</b>	Resistant to corrosion
<b>NUMBER OF MODULES</b>	1

Brochures

Catalogs

Drawings

Installation instructions

mCAD model



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